

# Babusona Sarkar

## List of Publications by Year in descending order

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16  
papers

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840776

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docs citations

16  
times ranked

729  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced magnetic and dielectric properties of Eu and Co co-doped BiFeO <sub>3</sub> nanoparticles. Applied Physics Letters, 2012, 101, 042401.	3.3	192
2	Magnetic and dielectric properties of Eu-doped BiFeO <sub>3</sub> nanoparticles by acetic acid-assisted sol-gel method. Journal of Applied Physics, 2011, 110, .	2.5	85
3	Magnetic properties of mixed spinel BaTiO <sub>3</sub> -NiFe <sub>2</sub> O <sub>4</sub> composites. Journal of Applied Physics, 2014, 115, .	2.5	55
4	Enhanced magnetic and dielectric behavior in Co doped BiFeO <sub>3</sub> nanoparticles. Journal of Magnetism and Magnetic Materials, 2015, 381, 271-277.	2.3	39
5	Exchange bias effect in BiFeO <sub>3</sub> -NiO nanocomposite. Journal of Applied Physics, 2014, 115, .	2.5	27
6	Interfacial magnetism and exchange coupling in BiFeO <sub>3</sub> /CuO nanocomposite. Nanotechnology, 2013, 24, 505711.	2.6	26
7	Unveiling ferromagnetic ground state, anomalous behavior of the exchange bias field around spin reorientation, and magnetoelectric coupling in YbCrO <sub>3</sub> thin films. Applied Physics Letters, 2016, 109, 112401.	3.2	17
8	Temperature induced magnetization reversal in SrRuO <sub>3</sub> . Applied Physics Letters, 2013, 103, 252403.	3.3	16
9	Evolution of magnetic properties and exchange interactions in Ru doped YbCrO <sub>3</sub> . Journal of Physics Condensed Matter, 2016, 28, 426001.	1.8	16
10	Large exchange bias effect in LaCr <sub>0.9</sub> Ru <sub>0.1</sub> O <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 2016, 417, 160-164.	2.3	12
11	Correlation among disorder, electronic and magnetic phases of SrRuO <sub>3</sub> . Journal of Physics Condensed Matter, 2015, 27, 116002.	1.8	11
12	Magnetization reversal, exchange interaction, and switching behavior studies on Ru doped GdCrO <sub>3</sub> . Journal of Alloys and Compounds, 2018, 739, 418-424.	5.5	11
13	Magnetic and magnetocaloric properties of Ba and Ti co-doped SrRuO <sub>3</sub> . Journal of Applied Physics, 2014, 116, .	2.5	7
14	Itinerant to localized electronic behavior in phase segregated ruthenates. Journal of Alloys and Compounds, 2016, 667, 248-254.	5.5	7
15	Structural, electric and magnetic properties of La <sub>1-x</sub> Sr <sub>x</sub> Co <sub>1-x</sub> Ru <sub>x</sub> O <sub>3</sub> (0 ≤ x ≤ 0.6) solid solution. Journal of Alloys and Compounds, 2015, 649, 1164-1173.	5.5	5
16	Electrical conductivity spectra of Sn doped BaTi <sub>0.95</sub> Zr <sub>0.05</sub> O <sub>3</sub> . Journal of Applied Physics, 2014, 115, 203713.	2.5	2